

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. § 371**

449122021000

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/049865
Not yet assigned

INTERNATIONAL APPLICATION NO.

PCT/DE00/02691

INTERNATIONAL FILING DATE

August 10, 2000

PRIORITY DATE CLAIMED

August 16, 1999

TITLE OF INVENTION

**CIRCUIT AND METHOD FOR DETERMINING AN OFFSET ERROR OF A MEASUREMENT SUBJECT TO AN
OFFSET ERROR OF A COIL CURRENT OF AN ELECTROMAGNETIC ACTUATOR (AS AMENDED)**

APPLICANT(S) FOR DO/EO/US

Thomas FRANZ et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application under PCT Article 19 (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: 1) Application Data Sheet; 2) Int'l Search Report; 3) IPER; 4) Return receipt postcard.

CERTIFICATE OF HAND DELIVERY

U.S. APPLICATION NO. (if known, see 37 CFR 1.53) Not yet assigned	10/049865	INTERNATIONAL APPLICATION NO. PCT/DE00/02691	ATTORNEY DOCKET NO. 449122021000
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21. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):**

Neither international preliminary examination fee (37 CFR 1.482)
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO
and International Search Report not prepared by the EPO or JPO.....\$1,000.00

International preliminary examination fee (37 CFR 1.482) not paid to
USPTO but International Search Report prepared by the EPO or JPO.....\$890.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$710.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO
but all claims did not satisfy provision of PCT Article 33(1)-(4).....\$690.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO
and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00

CALCULATIONS
PTO USE ONLY

ENTER APPROPRIATE BASIC FEE AMOUNT = \$890.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from
the earliest claimed priority date (37 CFR 1.492(e)).

\$0

CLAIMS

NUMBER FILED

NUMBER EXTRA

RATE

Total claims

- 20 =

x \$18.00

\$0

Independent claims

- 3 =

x \$80.00

\$0

MULTIPLE DEPENDENT CLAIM(S) (if applicable)

+ \$270.00

\$0

TOTAL OF ABOVE CALCULATIONS = \$890.00

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced
by 1/2.

\$0

SUBTOTAL = \$890.00

Processing fee of \$130.00 for furnishing the English translation later than
☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).

+

\$0

TOTAL NATIONAL FEE = \$890.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

+

\$40.00

TOTAL FEES ENCLOSED = \$930.00

Amount to be refunded:	\$
charged:	\$

- a. ☒ Please charge my **Deposit Account N . 03-1952** (referencing Docket No. 449122021000) in the amount of \$930.00 to cover the above fees. A duplicate copy of this sheet is enclosed.
- b. ☒ The Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment to **Deposit Account N . 03-1952** (referencing Docket No. 449122021000).

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

Attorney Docket: 44912-20210.00

Date: February 19, 2002

Inventor(s): Thomas FRANZ et al.

USSN: New Application

Title: CIRCUIT AND METHOD FOR DETERMINING AN OFFSET ERROR OF
A MEASUREMENT SUBJECT TO AN OFFSET ERROR OF A COIL
CURRENT OF AN ELECTROMAGNETIC ACTUATOR (AS AMENDED)

****THIS IS A NATIONAL PHASE ENTRY OF PCT/DE00/02691****

- Papers enclosed:
1. PCT Transmittal
 2. Application Data Sheet
 3. Declaration
 4. Recordation Form & Assignment
 5. German Application & Transmittal
 6. English Translation
 7. Int'l Search Report
 8. IDS; PTO-1449 w/11 refs.
 9. IPER
 10. Preliminary Amendment
 11. Return receipt postcard

10/049865

RECEIVED BY THE UNITED STATES PATENT AND TRADEMARK OFFICE

Prepared by: KRS/MAG

JCS7 Rec'd PCT/PTO 19 FEB 2002